Plant Operations Notebook, N-95-00-00.1

This undated notebook was used by an unidentified author, possibly in 1900; however, it may have been used as early as 1895. The book is primarily a record of observations concerning maintenance and repairs needed at the Ogden plant. The pages are unnumbered. Only 13 pages have been used.

Miscellaneous

18 tubes leaking in #12 boiler caused by low water = Brakeshoes wanted on #2 Tro steam hoist supply car. needs general overhauling = Paper needs rep. in Bejell & Eng. room dust gets in = Brake stuff broken on skip car #31 = Cleaners hoist box made for crusher like wrecking box = Skip on car #50 needs to have holes drilled in it to let water out = Lock should be put on boiler house at oil tank. Bolts in spliers on eye beams supporting crane should be tightened. Leak in 3 HP R air receiver = Take up main drive belt to town driving rope driving to Tonopah. Water pipe leaking near rawhide room. water comes up out of the ground. Drip pipe from machine shop engine should be changed = One journal cover wanted on skip car #76. = Oil leaking out of angle gen. bearing in Crusher Plant. Laying is loose on #1 Dynamo in #1 Ch. room. New curves wanted on center line shaft driving 18-28 Conv. Extra Car should be got ready under breaker machine = Two new stations of belt wanted on ceiling conv. Take in steam pipe near 4 x 5 Con. in pump house. Union leaking on oil pipe along side of building near top of shaft

Continued

Two men leaking on pipes along level gen shaft during miners = Five men lost water tank run over at power house. Take up rope drive to Crusher = Hub broken off in clutch driving #7 belt magnets = Mr Stanard be finished sun. Miners. Hoking wants oil drain at Crusher dug and no leaks can be seen = Take up main drive belt on A & E Eng. Bad spot on leather belt driving # 197 Dynamo = Oil leaking out of one rivet hole & hand hole on tank at Muck House = Coal car door leaking to fire valve = Water on heater pipes #1 Mill Cinder bottom pitch road in pump in oil house will need repaired to night = Mr Scott wanted in valve on steam pipe in oil house steam valve seat needs grinding in main pipe on #1 Boiler = Water column on #12 Boiler to be fixed. Low Water Alarm be taken out between boiler & column = Piece of rubber belting lying between track and track south of store rooms. Main drive field in miner building needs taking up = Dry Mud valve in A & E Eng. = Repair seat broken on friction clutch for mud Co = Friction driving miners hoist this morning caused by not oiling properly [illegible]

Continued

Belt spoot on lime line conv. belt. Oil drain pipes leaking at head end of lime line conv. Oil feed pipe leaking in about a dozen places at head of lime line conv. Oil feed & drain pipes leaking on angle shaft in C.P. Guard stand. Belt just over sprocket wheel at briquette dump dangerous. One barrel of pitch at muck house going to waste. New belt wanted on tightener belt driving center mill elev. Steam needs packing on steam valve on pitch tank over furnace. Drip pipe leaking on oil cylinder on pump in oil house. Two dozen grease cups off each 3½" & ½" wanted for #1 Mill. Bolt new ¾" Manilla rope on drive at Breaker. Hawsers wire rope that is on drive on rope drop. Rope wanted on second line light in #1 Mill. One stud wanted in #7 belt magnetic. Usual amount of oil bot today. Lantern not lighted at fire valve. New rawhides wanted on center mill line shaft. Oil drain pipes leaking on counter shaft bearings next to sprocket wheel driving shaker. Leak in air pipes going to Iron this have not been rep. 14 mercury cooling on main shaft in Boiler house off bot night.

Continued

Lagging on west end pulley of shaft driving shaker needs rep. Mercury cooks left open on blower line shaft bot night. Belt on #7 magnum hard to the east. Main drive belt from jackshaft to C.P. needs tightening. Exhaust pipe needs better supporting on A.T.S. Eng. Belts need taping up on Crusher & Rolls in Screen Room. Rolls need to be turned up in screen Room. Water barrel busted in northeast end of #1 Mill. New rawhides wanted on A.T.S. Eng. J.D. bearings. New brake beam wanted on #41 skip car. Hot blower elbow on #1 Furnace rep. to night. The bracket that bearing of shaker drive on pinion shaft fastens to is not rigid. bolts must be loose. New long guy wanted on drive pulley on counter shaft driving shaker. Rope drive to breaker stand is taken up. Lost motion in eccentric straps & bolts loose in frame on #9 tow. Oil pipes & rawhides leaking on big 40" Jack Shaft. Eccentric straps very loose on toggling at Coal dump. Nipple with tire coupling on #4 Lightout needs to be turned up. Drip tank for #1 Mill needs to be cleaned out around it so it can be examined. Oil pipes leaking on shaft in main shop.

Continued

Mercury cracks all open on blowers in #1 Mill last night = Ladder broken leading to blower line shaft north side = Valves leaking on oil tank near #15 Conv = Brass cap wanted on end light N & H & Roll = Oil cup left open at bind of h. line conv = Bracket that pinion shaft is fastened to driving shaker is loose = Oil leaking very bad out of west end bearing of roll mill line shaft = Oil boat by stem jarring out of valve on pipe oiling angle shaft in C.P. = #33 & 44 ship needs repairs = Repairs & 5 needs dust to be cleaned from it = Canvas needs rep on east end bearing of priest shaft in mixer room = Plate in front of screens over 14 M & H R in bad shape holes worn in 8" long = Every switch west of passing room needs rep. rails out of line = Nav'd worn bad on bottom drums of belt mag = Please have seven plates put in overflow chute from cooling placers = Brake rod wanted on ship conv & H = Kettle wanted to warm residuum oil when filling ale wheels = Pipe drier to breaker needs taking up =

Continued

Bolts wanted in hopper from 14 to 20 Sc Rolls = Hole in blower pipe #9 Loos = oil leaking out of steam chest #9 = Bolts need to be gone over & tightened up from ladder #9 Loos = Nearly all drain pipes leaking under S & H R = Oil leaking out of nine unions & ells on pipes oiling S & H R wobbler bearings = Union leaking on main pipe oiling S & H R second floor fittings & ells leaking on pipe oiling east mill line shaft = New canvas wanted on one bearing on center mill line shaft = Guide loose on piston rod in pump in oil house = Stop cock on discharge pipe on pump in oil house leaks = Fan is not connected up in mixer room = Drip pipes under S & H R are plugged up = West side belt on A & T Eng wants looking after = Please have partition between C.P. & #1 C.E. house rep where broken by belt also shed over drive belt = New rawhides on counter shaft driving shaker = Bolts washers & other iron should be removed from C.P. that are not in use = Platform railings around Eng & pulley on S & H R. j.p. needs rep.

Continued

Drive belt from J.D. to #1 Counter shaft worn & tightening belt screw loose in shear wheel on angle shaft. Motion in Hand Engine needs rep.
Missing cocks left opens on Big McJ.D. Cap screw loose in field on #16 Dynamo. Missing cock. Screw on R.H. Engs. Cap screws loose in bracket on pumps at pumping station. Nuts loose on one rod at pumping station. A bolt wanted in mortise gear on main drive. Hangers need to be tightened. Wedges in mortise gears north end of broken line shaft need tightening. Two pulleys loose in counter shaft driving to shaving. Wood lagging is loose on main drive to broken bottom of #1 tower. Oil drain pipe leaking on bevel gear shaft. New cam lifts wanted on main line shaft. Oil pipe line over webbler 3 H.R. is broken need bracing. Bolt loose that secures field to Dynamo in #1 C.E. Hand make one cam catcher & put on bright for #1 oven. Stone chutes repaired in yard cobed up from blower drive belt worn loose. Tackles not burning at fire valve.

Continued

Belts loose in coupling on A.T.S. J.D. Lagging is loose on top drum #2 belt. Mag. & Union leaking on west end of blower line shaft. Grease should be wiped off of French rug belts. Oil drain pipe leaking on center mill line shaft. Oil pipe leaking near H. Roll. Mechanics working on 3 H.R. were delayed 60 man by no one being in storeroom. Stronger levers wanted in rotain tanks. Lagging very loose on some pulleys on bin line conv. Coupling loose shifter on north line shaft Mill #1 W end front #4 E.W. Oil drain from pipe union leaking bad on pinion shaft bearing next to ratchet wheel on #3 E.W. Lagging on belt tightener on drive belt from angle shaft to #6 Cam shaft needs rep. Number that belt tightener is on at drive belt from angle shaft to #6 Center counter. Bolt small air pipe bursted between air receiver & #1 Mill. Ladders should be put at Briquette dumps. Funnel with screen wanted at #1 Mill to fill medium oil cans. One flange joint needs rep. on steam pipe in C.

Continued

Bell on announciator in C.P. does not ring. bell is exposed to dust. The first 14 M & H&R. when the new wobbler was put on by Keys. was not leveled up right the end of the shaft was raised up so high that it made the wobbler bind. Bonds need rep over ditch West of C.P. 45° Elbow leaking on oil pipe over N. Shaft. tank at shaft where tide. Oil leaking out of west end bearing of south mill line shaft. Oil feed pipe leaking on west end bearing of south mill line shaft. Union leaking on oil pipe near drain tank in #1 Mill. Oil leaking out of west end bearing on south mill line shaft. Pipe leaking that oils west end bearing on south mill line shaft. Oil leaking out of valve stem on main pipe oiling shutter mill line shaft. Oil lost from supply tank S.H&R valve left open on drain pipe. Drip pans should be made to catch oil from bevel gear casing on S.H&R counter shaft. Covers on drip pans on elevator should be changed.

Continued

Oil is getting on Big M^c drawbolts oil comes from eng. bearings. Oil running out of four bearings on floor in French Eng Room. Rawhide weight feed of boiler need rep of Big Mc Jack shaft. Oil drain pan is running over that catches oil from bevel gears on south mill line shaft. Oil cup empty on fan blowing air in Big Mc Eng room. New hose cover off of revolving tank allowing rain water to get in. Pits flooded in round house by water valve being left open. Boiler feed pump need rep at broken plant. New gate bars wanted in #1 boiler. Rain water runs in #1 Mill comes from between Mill & French eng. house. Rain water runs in #1 Mill from north side. Freight cars strike two posts supporting sand house. Freight cars strike one post supporting the line car. Coal cars strike posts supporting steam pipe at Coal dumps. One nut loose on piston rod on pump at pumping station. Old plates taken off of rolls should be removed from C.P. Valves should be put on oil pipes from tank to pumps in case of joint leaking no means of shutting off oil.

Continued

Plunger union leaking on oil
pipe on oil pump in oil house =
Oil pipe in Little Mt. Engine room
leaks in several places = discovery
cocks leaking on east end bearing of center
mill shaft, oil leaking east of bearing
must be single gears in C.P. = Dashing =
& suction pipes on oil pumps at
Andrews tank will have to be changed
not properly connected = Men in oil
house must be careful to close valves on glass
gauges on oil tanks = Mill room must
be careful to close valves on bearings when leaving
at night = 4 barrels of muck taken out
of #3 oil tank = 1 barrel of muck taken
out #1 oil tank = 12" belt from angle shaft
to #5 Crusher to be taken up = Hole
worn of dust house at C.P. Roof
over 506 boiler house needs rep. =
Roof leaking over Big Mt. Engine
Posts should be put in south wall
main drive pulley hanging = Suggest
to have solenoid pipe changed that
warned to clean oil cup in house
for this pipe makes it dangerous
for men working around C.P. Plant

Continued

Suggest valve be put on level gear
casing on C.H.&P. countershaft so oil
could be drawn from same = Bolt
wanted in switch lever west of
assay room = Have hook in skip
chain block made fast so skip can't
turn around when being hoisted on
#1 Crane have it pinned so it can
be taken out any time = Suggest
strips of wood be made fast on ladder
in front of two main drive pulleys
on #1 C.P. I.P. very dangerous as it is
at present = Boards over ditch
east of #1 C.P. House need rep. =
Men that took old bolts out of #3 Crusher
buckets left them lying on the floor
Have chain put in door in C.P. East
of "X" Rolls to prevent any one getting
hit by cars = Valve leaking in #1
fire plug = Considerable oil lost
by elbow bursting at oil tank =
Men that attends oil tanks became
confused this morning and allowed
oil tank in #1 C.P. room to overflow =
Have chute in #1 stock put in =
lined with sheet iron =

Continued

Tools which off 7-13 + 20½ Co
of round power in excellent condition
lights should be placed as under
bill of #29½ Co should be seen.
Main drive belt with mill shaft
needs taking up & valve on water pipe
at round house is leaking